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**Aecidium geniosporii** (this *Index*, ii, p. 1) should be *A. geniospori* on *Geniosporum paludosum*.

\*—**hypericophylli** Viennot-Bourgin in *Rev. Mycologie*, 15, Suppl. Col. No. 2, p. 104, 1950 on *Hypericophyllum multicaule*.—French Guinea.

—**ligustricola** Cummins in *Mycologia*, 43, p. 96, 1951 on *Ligustrum*.—Kwangsi, China.

**Agaricus trinitatis** Baker & Dale in *Mycol. Pap.*, *C.M.I.*, 33, p. 84, 1951.—Trinidad.

—**violaceo-squamulosus** Baker & Dale in *Mycol. Pap.*, *C.M.I.*, 33, p. 84, 1951.—Trinidad.

**Aleurodiscus minnissiae** Jackson in *Canad. J. Res.*, Sect. C, 28, p. 67, 1950 on *Tsuga canadensis*.—Ontario, Canada.

—**pini** Jackson in *Canad. J. Res.*, Sect. C, 28, p. 74, 1950 on *Pinus strobus*.—Ontario, Canada.

**Allescheriella crocea** (Mont.) Hughes apud Baker & Dale in *Mycol. Pap.*, *C.M.I.*, 33, p. 97, 1951. (Syn. *Mucor croceus* Mont.).

\***Amoebidium poissoni** Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, 86, p. 107, 1948 on *Cloeo n dipterum*.—France.

**Amphichaeta rhododendri** da Camara in *Agron. lusit.*, 11, p. 187, 1949 on *Rhododendron*.—Portugal.

—**viburni** da Camara in *Agron. lusit.*, 11, p. 187, 1949 on *Viburnum tinus*.—Portugal.

**Angiopsora elephantopodis** (Hiratsuka) Mundkur & Thirumalachar in *Mycol. Pap.*, *C.M.I.*, 40, p. 9, 1951. (Syn. *Phakopsora elephantopodis* Hiratsuka).

**Anisoplidium stigeocltonii** (de Wild.) Canter in *Trans. Brit. mycol. Soc.*, 33, p. 343, 1950. (Syn. *Olpidium stigeocltonii* de Wild.).

**Anthostomella appendiculosa** (Berk. & Br.) Sacc. var. *lusitanica* da Camara in *Agron. lusit.*, 11, p. 44, 1949 on *Rubus*.—Portugal.

—**clypeata** (De Not.) Sacc. var. *macrospora* da Camara in *Agron. lusit.*, 11, p. 170, 1949 on *Rubus*.—Portugal.

—**clypeatula** da Camara in *Agron. lusit.*, 11, p. 170, 1949 on *Jasminum*.—Portugal.

**APLECTOSOMA** Drechsler in *Mycologia*, 43, p. 173, 1951.—Zoopagaceae.

—**microsporum** Drechsler in *Mycologia*, 43, p. 173, 1951 on *Amoeba*.—Maryland, U.S.A.

**Ascochyta brachypodii** (Syd.) Sprague & A. G. Johnson in Sprague, *Diseases of Cereals and Grasses*, p. 153, 1950. (Syn. *Diplodina brachypodii* Syd.).

—**cyathulae** Chona & Munjal in *Curr. Sci.*, 11, p. 354, 1950 on *Cyathula tomentosa*.—India.

—**sporoboli** E. Castellani & Graniti apud Graniti in *Nuovo G. bot. ital.*, N.S., 57, p. 255, 1950 on *Sporobolus affinis*.—East Africa.

**Ascotricha guamensis** Ames in *Mycologia*, 43, p. 30, 1951 from cardboard.—Guam, Ladrones Islands.

—**xylina** Ames in *Mycologia*, 43, p. 29, 1951 from cotton cloth.—Philippine Islands.

\***Aspergillus chevalieri** (Mangin) Thom & Church var. *ruber* Sasaki in *J. Fac. Agric. Hokkaido Univ.*, 49, p. 137, 1950 from butter.—Japan.

\*—**flavus** Link var. *asper* Sasaki in *J. Fac. Agric. Hokkaido Univ.*, 49, p. 143, 1950 from butter.—Japan.

—**thomii** G. Smith in *Trans. Brit. mycol. Soc.*, 34, p. 17, 1951.—England.

\*—**versicolor** (Vuillm.) Tiraboschi var. **magnum** Sasaki in *J. Fac. Agric. Hokkaido Univ.*, 49, p. 142, 1950 from butter.—Japan.

\*—**yezoensis** Sasaki in *J. Fac. Agric. Hokkaido Univ.*, 49, p. 144, 1950 from butter.—Japan.

**Asterina centropogonis** Baker & Dale in *Mycol. Pap.*, *C.M.I.*, 33, p. 40, 1951 on *Centropogon cornutus*.—Trinidad.

**Asterolibertia sporoboli** E. Castellani & Graniti apud Graniti in *Nuovo G. bot. ital.*, N.S., 57, p. 250, 1950 on *Sporobolus ruspolianus*.—British Somaliland.

**ATKINSONELLA** Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 48, 1950.—Hypocreales. Type *A. hypoxylon*.

—**hypoxylon** (Peck) Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 49, 1950. (Syn. *Epichloë hypoxylon* Peck).

— var. *texensis* Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 54, 1950 on *Stipa leuotricha*.—Texas, U.S.A.

**Balansia aristidae** (Atk.) Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 43, 1950. (Syn. *Dothichloë aristidae* Atk.).

—**cyperacearum** (Berk. & Curt.) Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 39, 1950. (Syn. *Hypocrea cyperacearum* Berk. & Curt.).

—**epichloë** (Weese) Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 40, 1950. (Syn. *Dothichloë epichloë* Weese).

—**hemicrypta** Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 45, 1950 on *Aristida glauca*.—Texas, U.S.A.

—**henningsiana** (Moell.) Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 36, 1950. (Syn. *Ophiobolus henningsiana* Moell.).

—**linearis** (Rehm) Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 47, 1950. (Syn. *Ophiobolus linearis* Rehm).

— **obtecta** Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 21, 1950 on *Cenchrus echinatus*.—Florida, U.S.A.

— **strangulans** (Mont.) Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 29, 1950. (Syn. *Cordyceps strangulans* Mont.).

— **forma discoidea** (P. Henn.) Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 33, 1950. (Syn. *Balansia discoidea* P. Henn.).

**Balansiopsis asclerotiaca** (P. Henn.) Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 58, 1950. (Syn. *Balansia asclerotiaca* P. Henn.).

— **pitulaeformis** (Berk. & Curt.) Diehl in *Agric. Monogr. U.S. Dep. Agric.* 4, p. 56, 1950. (Syn. *Dothidea pitulaeformis* Berk. & Curt.).

**BALLOCEPHALA** Drechsler in *Bull. Torrey bot. Cl.*, 78, p. 199, 1951.—Entomophthorales.

— **sphaerospora** Drechsler in *Bull. Torrey bot. Cl.*, 78, p. 199, 1951 on *Macrobiotus*.—Pennsylvania, U.S.A.

\***BANKERA** Coker & Beers, *The Stipitate Hydnoms of the Eastern United States*, p. 33, 1951.—Hydnaceae.

— **fuligineo-alba** (Schmidt [ex Fr.]) Coker & Beers, *The Stipitate Hydnoms of the Eastern United States*, p. 34, 1951. (Syn. *Hydnum fuligineo-album* Schmidt).

**Boletus bovinus** (L.) Fr. var. **viridocaucarescens** Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 314, 1950.—South Africa.

— **subtomentosus** Fr. var. **albo-ochraceus** Pilát in *Stud. bot. Čechoslov.*, 12, p. 60, 1951.—Czechoslovakia.

**Brachysporium britannicum** Hughes in *The Naturalist*, p. 48, 1951 on dead *Betula*.—England.

— **masonii** Hughes in *The Naturalist*, p. 46, 1951 on dead *Quercus*.—England.

**Brettanomyces sphaericus** Etchells & Bell in *Farlowia*, 4, p. 107, 1950 in cucumber brine.—North Carolina, U.S.A.

— **versatilis** Etchells & Bell in *Farlowia*, 4, p. 106, 1950 in cucumber brine.—North Carolina, U.S.A.

**Burillia narasimhanii** Thirumalachar & Mundkur in *Mycol. Pap.*, C.M.I., 40, p. 8, 1951 on *Alisma reniformis*.—India.

**Caeoma cheoanum** Cummins in *Mycologia*, 43, p. 95, 1951 on *Rubus*.—Kwangsi, China.

— **torreyae** Bonar in *Mycologia*, 43, p. 62, 1951 on *Torreya californica*.—California, U.S.A.

**Calonectria ilicicola** Boedijn & Reitsma in *Reinwardtia*, 1, p. 58, 1950 in cultures from potato tubers.—Indonesia.

**Candelospora theae** (Petch) Wakefield ex Gadd in *Monographs on Tea Production in Ceylon*, No. 2, *Tea Research Institute of Ceylon*, p. 59, 1949. (Syn. *Cercospora theae* Petch).

**Carpenterella cannae** Mundkur & Thirumalachar in *Mycol. Pap.*, C.M.I., 40, p. 1, 1951 on *Canna indica*.—India.

**Catacaumella calamicola** T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci.*, Sect. B, 32, p. 208, 1950 on *Calamus rotang*.—India.

**Catenulopspora grewiae** Mundkur & Thirumalachar in *Mycol. Pap.*, C.M.I., 40, p. 13, 1951 on *Grewia populifolia*.—India.

**Ceratobasidium anceps** (Bres. & Syd.) Jackson in *Canad. J. Res.*, Sect. C, 27, p. 243, 1949. (Syn. *Tulasnella anceps* Bres. & Syd.).

**Ceratocystis autographa** Bakshi in *Ann. Bot. Lond.*, N.S., 15, p. 58, 1951 on *Larix leptolepis*.—Scotland.

— **coerulescens** (Münch) Bakshi in *Trans. Brit. mycol. Soc.*, 33, p. 114, 1950 and *Mycol. Pap.*, C.M.I., 35, p. 2, 1951. (Syn. *Endoconiophora coerulescens* Münch).

— **galeiformis** Bakshi in *Mycol. Pap.*, C.M.I., 35, p. 13, 1951 on *Larix kaempferi*.—Scotland.

— **longirostellata** Bakshi in *Mycol. Pap.*, C.M.I., 35, p. 11, 1951 on *Quercus*.—Scotland.

— **wilsonii** Bakshi in *Mycol. Pap.*, C.M.I., 35, p. 8, 1951 on *Quercus*.—Scotland.

**Cercospora antirrhini** Muller & Chupp in *Ceiba*, 1, p. 171, 1950 on *Antirrhinum majus*.—Guatemala.

— **astilbes** Togashi in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 96, 1942 on *Astilbe congesta*.—Japan.

— **bombacina** T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci.*, Sect. B, 32, p. 212, 1950 on *Bombax malabaricum*.—India.

— **chloranthi** Togashi & Katsuki in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 96, 1942 on *Chloranthus serratus*.—Japan.

— **cochlospermi** Baker & Dale in *Mycol. Pap.*, C.M.I., 33, p. 101, 1951 on *Cochlospermum vitifolium*.—Trinidad.

— **cotizensis** Muller & Chupp nom. nov. in *Ceiba*, 1, p. 173, 1950. (Syn. *Cercospora crotalariae* Syd. 1930, non Sacc. 1906).

— **cryptomeriicola** Sawada in *Bull. Govt. Forest Exp. Sta.*, Tokyo 45, p. 53, 1950 on *Cryptomeria japonica*.—Japan.

— **dispori** Togashi & Maki in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 98, 1942 on *Disporum smilacinum* var. *ramosum*.—Japan.

— **ehikomontana** Togashi & Katsuki in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 99, 1942 on *Mercurialis leiocarpa*.—Japan.

— **guatemalensis** Muller & Chupp in *Ceiba*, 1, p. 173, 1950 on *Ocimum canum*.—Guatemala.

— **gymnemae** Togashi & Onuma in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 99, 1942 on *Gymnema affine*.—Japan.

— **jacobinicola** Muller & Chupp in *Ceiba*, 1, p. 174, 1950 on *Jacobinia spicigera*.—Guatemala.

— **kerriae** Togashi in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 99, 1942 on *Kerria japonica* var. *typica*.—Japan.

— **ligustici** Togashi in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 100, 1942 on *Ligisticum hultertii*.—Japan.

— **maracasensis** Baker & Dale in *Mycol. Pap.*, C.M.I., 33, p. 103, 1951 on *Commelina elegans*.—Trinidad.

— **naitoi** Togashi in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 101, 1942 on *Ilex oldhami*.—Japan.

— **oliganthidis** Baker & Dale in *Mycol. Pap.*, C.M.I., 33, p. 104, 1951 on *Oliganthes condensata*.—Trinidad.

\*— **schreberae** Mahmud in *Curr. Sci.*, 19, p. 292, 1950 on *Schrebera swietenioides*.—India.

— **sebastianiae** Baker & Dale in *Mycol. Pap.*, C.M.I., 33, p. 105, 1951 on *Sebastiania corniculata*.—Trinidad.

— **solani-asperi** Baker & Dale in *Mycol. Pap.*, C.M.I., 33, p. 105, 1951 on *Solanum asperum*.—Trinidad.

— **solani-hirti** Baker & Dale in *Mycol. Pap.*, C.M.I., 33, p. 105, 1951 on *Solanum hirtum*.—Trinidad.

— **sophorae** T. S. and K. Ramakrishnan in *Proc. Indian Acad. Sci.*, Sect. B, 32, p. 213, 1950 on *Sophora glauca*.—India.

— **spiraeicola** Muller & Chupp in *Ceiba*, **1**, p. 177, 1950 on *Spiraea prunifolia*.—Guatemala.

— **stigmaphylonis** Baker & Dale in *Mycol. Pap.*, *C.M.I.*, **33**, p. 106, 1951 on *Stigmaphylon convolvulifolium*.—Trinidad.

— **tithoniae** Baker & Dale in *Mycol. Pap.*, *C.M.I.*, **33**, p. 106, 1951 on *Tithonia diversifolia*.—Trinidad.

— **vignae-vexillatae** Baker & Dale in *Mycol. Pap.*, *C.M.I.*, **33**, p. 107, 1951 on *Vigna vexillata*.—Trinidad.

**Chromocrea spinulosa** (Fuckel) Petch apud Brooks & Mathieson in *Trans. Brit. mycol. Soc.*, **33**, p. 350, 1950. (Syn. *Hypocrea spinulosa* Fuckel).

**Cintractia scleriae-lithospermi** Thirumalachar in *Lloydia*, **13**, p. 173, 1950 on *Scleria lithospermi* var. *roxburghii*.—India.

**Circinella rigida** G. Smith in *Trans. Brit. mycol. Soc.*, **34**, p. 19, 1951 in soil.—England.

**Cladocytrium setigerum** Karling in *Bull. Torrey bot. Cl.*, **78**, p. 38, 1951 in soil.—Maryland, U.S.A.

**Clasterosporium obclavatum** Bonar in *Mycologia*, **43**, p. 64, 1951 on *Torreya californica*.—California, U.S.A.

**Claudopus rubro-violascens** Vacek in *Stud. bot. čechoslov.*, **11**, p. 70, 1950 on roots.—Czechoslovakia.

**Clavaria (Lentaria) albo-vinacea** Pilát in *Stud. bot. čechoslov.*, **11**, p. 150, 1950.—Czechoslovakia.

— **(Clavariadelphus) contorta** Fr. var. *orosii* Pilát in *Stud. bot. čechoslov.*, **11**, p. 153, 1950 on dead *Betula verrucosa*.—Czechoslovakia.

**Claviceps diadema** (Moell.) Diehl in *Agric. Monogr. U.S. Dep. Agric.* **4**, p. 60, 1950. (Syn. *Balanusia diadema* Moell.).

— **inconspicua** Langdon in *Proc. roy. Soc. Qd.*, **61**, p. 31, 1950 on *Hyparrhenia filipendula*.—Queensland, Australia.

— **orthocladae** (P. Henn.) Diehl in *Agric. Monogr. U.S. Dep. Agric.* **4**, p. 60, 1950. (Syn. *Claviceps pallida* Wint. var. *orthocladae* P. Henn.).

**Clitocybe microspora** Baker & Dale [now Peck, 1909] in *Mycol. Pap.*, *C.M.I.*, **33**, p. 85, 1951.—Trinidad.

— **subfellea** Murrill in *Mycologia*, **43**, p. 235, 1951.—Florida, U.S.A.

**Clypeolum lusitanicum** da Camara in *Agron. lusit.*, **11**, p. 49, 1949 on *Hedera helix*.—Portugal.

**Cochlonema calosperma** Drechsler in *Mycologia*, **43**, p. 167, 1951 on *Amoeba*.—Maryland, U.S.A.

**Coleosporium cheoanum** Cummins in *Mycologia*, **42**, p. 788, 1950 on *Coleus*.—Kweichow, China.

— **rubiicola** Cummins in *Mycologia*, **42**, p. 788, 1950 on *Rubia cordifolia*.—Kweichow, China.

— **violae** Cummins in *Mycologia*, **42**, p. 787, 1950 on *Viola limprechtiana*.—Kweichow, China.

**Collybia chrysopepla** (Berk. & Curt.) Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 297, 1950. (Syn. *Lentinus chrysopeplus* Berk. & Curt.).

— **fragrantissima** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 297, 1950.—South Africa.

— **maculatoides** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 297, 1950.—South Africa.

— **umbrinescens** Murrill in *Mycologia*, **43**, p. 235, 1951.—Florida, U.S.A.

**Coniothyrium globulosum** da Camara in *Agron. lusit.*, **10**, p. 305, 1948 on *Eucalyptus globulus*.—Portugal.

**Coprinus agricola** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 313, 1950.—South Africa.

— **westii** Murrill in *Mycologia*, **43**, p. 236, 1951.—Florida, U.S.A.

**Corticium delicatissimum** Jackson in *Canad. J. Res.*, Sect. C, **28**, p. 722, 1950 on *Tsuga canadensis*.—Ontario, Canada.

— **exile** Jackson in *Canad. J. Res.*, Sect. C, **28**, p. 721, 1950 on a conifer.—Ontario, Canada.

— **improvisum** Jackson in *Canad. J. Res.*, Sect. C, **28**, p. 720, 1950 on *Quercus*.—Quebec, Canada.

— **inopinatum** Jackson in *Canad. J. Res.*, Sect. C, **28**, p. 718, 1950 on *Tsuga canadensis*.—Ontario, Canada.

— **insperatum** Jackson in *Canad. J. Res.*, Sect. C, **28**, p. 718, 1950 on bark.—Ontario, Canada.

— **pauillum** Jackson in *Canad. J. Res.*, Sect. C, **28**, p. 724, 1950 on *Pteretis pennsylvanica*.—Ontario, Canada.

— **permodicum** Jackson in *Canad. J. Res.*, Sect. C, **28**, p. 721, 1950 on wood.—Ontario, Canada.

— **praeteritum** Jackson & Dearden in *Canad. J. Res.*, Sect. C, **27**, p. 152, 1949 on *Alnus rubra*.—British Columbia.

— **propinquum** Jackson & Dearden in *Canad. J. Res.*, Sect. C, **27**, p. 155, 1949 on *Thuja plicata*.—British Columbia.

— **proximum** Jackson in *Canad. J. Res.*, Sect. C, **28**, p. 722, 1950 on wood.—Vermont, U.S.A.

— **quaesitum** Jackson & Dearden in *Canad. J. Res.*, Sect. C, **27**, p. 154, 1949 on *Pseudotsuga taxifolia*.—British Columbia.

— **rallum** Jackson in *Canad. J. Res.*, Sect. C, **28**, p. 723, 1950 on *Tsuga canadensis*.—Ontario, Canada.

— **separatum** Jackson & Dearden in *Canad. J. Res.*, Sect. C, **27**, p. 154, 1949 on *Abies grandis*.—British Columbia.

— **testatum** Jackson & Dearden in *Canad. J. Res.*, Sect. C, **27**, p. 151, 1949 on *Pseudotsuga taxifolia*.—British Columbia.

**Corticarius (Phlegmacium) brunneolimmosus** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 304, 1950.—South Africa.

— **(Dermocybe) radio-fibrillosus** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 304, 1950.—South Africa.

**Crepidotus austro-africanus** Pilát in *Trans. Brit. mycol. Soc.*, **33**, p. 237, 1950.—South Africa.

— **gayi** Pilát in *Trans. Brit. mycol. Soc.*, **33**, p. 237, 1950.—Chile.

— **novae-zealandiae** Pilát in *Trans. Brit. mycol. Soc.*, **33**, p. 238, 1950.—New Zealand.

— **pouceensis** Pilát in *Trans. Brit. mycol. Soc.*, **33**, p. 238, 1950.—Mauritius.

— **sarawakensis** Pilát in *Trans. Brit. mycol. Soc.*, **33**, p. 238, 1950.—Borneo.

— **subaffinis** Pilát in *Trans. Brit. mycol. Soc.*, **33**, p. 239, 1950.—Mauritius.

— **subepicrcinus** Pilát in *Trans. Brit. mycol. Soc.*, **33**, p. 237, 1950.—Ceylon.

**Cryptostictis plantarum** da Camara nom. nov. in *Agron. lusit.*, **11**, p. 184, 1949. (Syn. *C. arbustivaram* da Camara). [No reason is given for 'nom. nov.'].

**Cucurbitaria occulta** Fek. forma **subdisticha** da Camara in *Agron. lusit.*, **11**, p. 173, 1949 on *Rosa*.—Portugal.

*Cyathus sinensis* Imazeki in *Bot. Mag., Tokyo*, 63, p. 96, 1950.—Japan.

*Cyclodomus cryptomeriae* Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* 45, p. 51, 1950 on *Cryptomeria japonica*.—Japan.

*Cylindrocladium citri* (Fawcett & Klotz) Boedijn & Reitsma in *Reinwardtia*, 1, p. 57, 1950. (Syn. *Candelospora citri* Fawcett & Klotz).

— *curvatum* Boedijn & Reitsma in *Reinwardtia*, 1, p. 54, 1950 on *Hibiscus subdariffa*.—Indonesia.

— *ilicicola* (Hawley) Boedijn & Reitsma in *Reinwardtia*, 1, p. 57, 1950. (Syn. *Candelospora ilicicola* Hawley).

— *quinquesepatum* Boedijn & Reitsma in *Reinwardtia*, 1, p. 59, 1950 on *Syzygium aromaticum*.—Indonesia.

*Cytidia lanata* W. B. Cooke in *Mycologia*, 43, p. 205, 1951 on bark of *Betula*.—Idaho, U.S.A.

— *sarcoides* (Fr.) W. B. Cooke in *Mycologia*, 43, p. 204, 1951. (Syn. *Thelephora sarcoides* Fr.).

— *stereoides* W. B. Cooke in *Mycologia*, 43, p. 206, 1951 on branches.—California, U.S.A.

*Cytosporina subclypeata* da Camara in *Agron. lusit.*, 10, p. 312, 1948 on *Olea europaea*.—Portugal.

*Dasyscypha aplopappi* Cash in *Mycologia*, 43, p. 229, 1951 on dead *Aplopappus bloomeri* var. *angustatus*.—California, U.S.A.

— *phlogis* Cash in *Mycologia*, 43, p. 230, 1951 on *Phlox douglasii*.—California, U.S.A.

— *salmea* Cash in *Mycologia*, 43, p. 230, 1951 on dead *Aplopappus bloomeri* var. *angustatus*.—California, U.S.A.

\**Dendryphium penicillatum* (Corda) Fries var. *sclerotiale* Meffert in *Z. Parasitenk.*, 14, p. 462, 1950.—Germany.

*Dictyotoma conchatus* (Vel.) Pilát in *Stud. bot. čechoslov.*, 12, p. 64, 1951. (Syn. *Leptoglossum conchatum* Vel.).

*Dictyoploca rhyssophylla* (Mont.) Baker & Dale in *Mycol. Pap.*, C.M.I., 33, p. 86, 1951. (Syn. *Marasmius rhyssophyllus* Mont.).

*Didymosphaera epidermidis* (Fr.) Fuckel var. *rosmarinii* da Camara in *Agron. lusit.*, 11, p. 46, 1949 on *Rosmarinus officinalis*.—Portugal.

*Dimeriellopsis cryptomeriae* Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* 45, p. 48, 1950 on *Cryptomeria japonica*.—Japan.

*Diplodia deutiae* da Camara in *Agron. lusit.*, 11, p. 65, 1949 on *Deutzia*.—Portugal.

— *mytilospora* da Camara in *Agron. lusit.*, 11, p. 182, 1949 on *Lavandula stoechas*.—Portugal.

*Diplophlyctis sexualis* Haskins in *Mycologia*, 42, p. 775, 1950.—Ontario, Canada; New York and Mass., U.S.A.

*Dothiorella cercidiospora* (da Camara) da Camara in *Agron. lusit.*, 11, p. 52, 1949. (Syn. *Macrophoma cercidiospora* da Camara).

— *eucalypti* (Berk. & Br.) Sacc. forma *microspora* da Camara in *Agron. lusit.*, 11, p. 52, 1949 on *Eucalyptus globulus*.—Portugal.

*Eccilia subpusilla* Pilát in *Stud. bot. čechoslov.*, 12, p. 36, 1951.—Czechoslovakia.

\**Eidamella papyricola* Saccas in *Bull. Soc. mycol. Fr.*, 66, p. 122, 1951 on paper.—France.

*ELLISIELLA* da Camara in *Agron. lusit.*, 11, p. 72, 1949.—Dematiaceae.

— *biciliata* da Camara in *Agron. lusit.*, 11, p. 72, 1949 on *Oryzopsis caerulescens*.—Portugal.

— *caudata* (Peck) da Camara in *Agron. lusit.*, 11, p. 72, 1949. (Syn. *Ellisiella caudata* Peck).

*Elisinoë centrolobii* Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, 19, p. 98, 1950 on *Centrolobium robustum*.—Brazil.

— *diospyri* Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, 20, p. 7, 1951 on *Diospyros kaki*.—Brazil.

— *jatropheae* Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, 20, p. 13, 1951 on *Jatropha curcas*.—Guatemala.

— *mulleri* Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, 20, p. 17, 1951 on *Polyscias quifolylei*.—Venezuela.

— *valleae* Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, 20, p. 21, 1951 on *Vallea stipularis*.—Brazil.

\**Enterobryus allobrogicus* Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, 86, p. 79, 1948 on *Iulus*.—France.

\**broelemanni* Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, 86, p. 75, 1948 on *Blaniulus hirsutus*.—France.

\**gracilis* Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, 86, p. 78, 1948 on *Polydesmus complanatus*.—France.

\**inflatus* Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, 86, p. 73, 1948 on *Phalloiulus distinctus*.—France.

\**rectus* Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, 86, p. 76, 1948 on *Iulus albipes*.—France.

\**robini* Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, 86, p. 80, 1948 on *Schizophyllum sabulosum extinctum*.—France.

\**strongylosomae* Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, 86, p. 76, 1948 on *Strongylosoma guerini*.—France.

\**tumidus* Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, 86, p. 78, 1948 on *Polydesmus rubromarginatus*.—France.

*Entoloma weberi* Murrill in *Mycologia*, 43, p. 236, 1951.—Florida, U.S.A.

*Entyloma calendulae* (Oudem.) de Bary f. *bellidis* (Kreiger) Ainsworth & Sampson, *The British Smut Fungi*, p. 104, 1950. (Syn. *Entyloma bellidis* Kreiger).

— *mysorense* Thirumalachar in *Lloydia*, 13, p. 177, 1950 on *Scirpus*.—India.

— *sporoboli* E. Castellani & Graniti apud Graniti in *Nuovo G. bot. ital.*, N.S., 57, p. 253, 1950 on *Sporobolus indicus* var. *laxus*.—Eritrea.

*Flammula devonica* Pilát in *Stud. bot. čechoslov.*, 12, p. 14, 1951.—Czechoslovakia.

— *laeti-lamellata* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 303, 1950.—South Africa.

— *luxurians* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 303, 1950.—South Africa.

— *papillata* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 302, 1950.—South Africa.

*Fusicoccum cryptomeriae* Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* 45, p. 51, 1950 on *Cryptomeria japonica*.—Japan.

*Gelasinospora autosteira* Alexopoulos & S. H. Sung in *Mycologia*, 42, p. 723, 1950 on *Tillandsia usneoides*.—Mississippi, U.S.A.

*Gibbera andromedae* (Rehm) Müller & von Arx in *Ber. schweiz. bot. Ges.*, 60, p. 368, 1950. (Syn. *Trichosphaeria andromedae* Rehm).

— *pseudotthia* Müller & von Arx nom. nov. in *Ber. schweiz. bot. Ges.*, 60, p. 368, 1950. (Syn.

*Pseudotthia vaccinii* P. Henn. & Nym., non. *G. vaccinii* (Sow.) Fr.

\**Gibberella xylarioides* Heim & Saccas apud Heim (as 'G. (Carbuncularia) xylarioides (Steyaert) Heim & Saccas, syn. *Fusarium xylarioides* Steyaert') in *Rev. Mycologie*, N.S., 15, p. 97, 1950 on *Coffea excelsa*.—West Africa.

\**Glomerella manihoti* Chevaugeon in *Rev. Path. Vég.*, 29, p. 8, 1950 on *Manihot*.—Ivory Coast.

*Guignardia cryptomeriae* Sawada in *Bull. Govt. Forest Exp. Sta.*, Tokyo 45, p. 48, 1950 on *Cryptomeria japonica*.—Japan.

—*myopori* da Camara in *Agron. lusit.*, 10, p. 287, 1948 on *Myoporum acuminatum*.—Portugal.

*Gymnosporangium gaeumannii* Zogg in *Ber. schweiz. bot. Ges.*, 59, p. 426, 1949 on *Juniperus nana*.—Switzerland.

*Gyromitra esculenta* var. *alba* Pilát in *Stud. bot. čechoslov.*, 12, p. 71, 1951.—Czechoslovakia.

*Halbania cryptomeriae* Sawada in *Bull. Govt. Forest Exp. Sta.*, Tokyo 45, p. 48, 1950 on *Cryptomeria japonica*.—Japan.

*Hamaspora ozeensis* Hiratsuka f. in *J. Jap. Bot.*, 26, p. 76, 1951 on *Rubus pectinellus*.—Japan.

*Haploravenelia brevispora* (Hiratsuka f. & Hashioka) Ito apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 167, 1943. (Syn. *Ravenelia brevispora* Hiratsuka f. & Hashioka).—*formosana* (Syd.) Ito apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 166, 1943. (Syn. *Ravenelia formosana* Syd.).

—*hobsoni* (Cooke) Ito apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 166, 1943. (Syn. *Ravenelia hobsoni* Cooke).

—*milletiae* (Hiratsuka f. & Hashioka) Ito apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 166, 1943. (Syn. *Ravenelia milletiae* Hiratsuka f. & Hashioka).

—*tephrosiicola* (Hiratsuka f.) Ito apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, 17, p. 166, 1943. (Syn. *Ravenelia tephrosiicola* Hiratsuka f.).

*Haplosporella hydrangeae* da Camara in *Agron. lusit.*, 11, p. 180, 1949 on *Hydrangea hortensis*.—Portugal.

*Harposporium subuliforme* Drechsler in *J. Wash. Acad. Sci.*, 40, p. 408, 1950 on *Rhabditis*.—Maryland, U.S.A.

*Hebeloma angustispernum* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 302, 1950.—South Africa.

*Helminthosporium lusitanicum* da Camara in *Agron. lusit.*, 11, p. 73, 1949 on *Alnus glutinosa*.—Portugal.

*Helotium georginiae* Vacek in *Stud. bot. čechoslov.*, 11, p. 74, 1950 on roots of *Juncus*.—Czechoslovakia.

*Hydnellum alachuanum* (Murr.) Coker & Beers, *The Stipitate Hydnoms of the Eastern United States*, p. 66, 1951. (Syn. *Sarcodon alachuanum* Murr.).

—*fuscium* (Peck) Coker & Beers, *The Stipitate Hydnoms of the Eastern United States*, p. 77, 1951. (Syn. *Hydnus fuscium* Peck).

—*zonatum* (Batsch) Karst. forma *vespertilio* (Berk.) Coker & Beers, *The Stipitate Hydnoms of the Eastern United States*, p. 80, 1951. (Syn. *Hydnus vespertilio* Berk.).

*Hydnum bambusinum* Baker & Dale in *Mycol. Pap.*, C.M.I., 33, p. 76, 1951.—Trinidad.

*Hygrophorus piceae* Kühner in *Bull. mens. Soc. linn. Lyon*, 18, p. 181, 1949.—France.

*HYSTEROCARINA* Zogg in *Ber. schweiz. bot. Ges.*, 59, p. 42, 1949.—Hysteriales.

—*paulistae* Zogg in *Ber. schweiz. bot. Ges.*, 59, p. 42, 1949 on *Eucalyptus*.—Brazil.

*Inocybe congregata* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 305, 1950.—South Africa.

*Irenopsis melothriae* Baker & Dale in *Mycol. Pap.*, C.M.I., 33, p. 11, 1951 on *Melothria trilobata*.—Trinidad.

*Kellermannia malabarica* T. S. & K. Rama-krishnan in *Proc. Indian Acad. Sci., Sect. B*, 32, p. 211, 1950 on *Anogeissus latifolia*.—India.

*Laccaria trullisata* (Ellis) Peck subsp. *mari-tima* (Teod.) Andersson in *Bot. Notiser, Suppl. vol. 2, pt. 2*, p. 23, 1950. (Syn. *Hygrophorus maritimus* Teod.).

*Laetaria evatris* Cash in *Mycologia*, 43, p. 231, 1951 on *Veratrum californicum*.—California, U.S.A.

\**LANGERONIA* Vanbreuseghem in *Ann. Soc. belge Méd. trop.*, 30, p. 888, 1950.—Dermato-phytes.

—*soudanensis* (Joyeux) Vanbreuseghem in *Ann. Soc. belge Méd. trop.*, 30, p. 888, 1950. (Syn. *Trichophyton soudanense* Joyeux).

*Lentinus omphalodes* Fr. var. *africanus* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 299, 1950.—South Africa.

*Lepiota aspericeps* Murrill in *Mycologia*, 43, p. 236, 1951.—Florida, U.S.A.

—*canescens* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 292, 1950.—South Africa.

—*cristato-cystidiata* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 291, 1950.—South Africa.

—*cutifracta* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 289, 1950.—South Africa.

—*fustiformis* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 291, 1950.—South Africa.

—*murinidisca* Murrill in *Mycologia*, 43, p. 237, 1951.—Florida, U.S.A.

—*neglecta* Murrill in *Mycologia*, 43, p. 237, 1951.—Florida, U.S.A.

—*praeclara* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 288, 1950.—South Africa.

—*roseolescens* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 289, 1950.—South Africa.

—*truncata* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 292, 1950.—South Africa.

—*umbrino-zonata* Pearson in *Trans. Brit. mycol. Soc.*, 33, p. 290, 1950.—South Africa.

*Leptonia domestica* Murrill in *Mycologia*, 43, p. 238, 1951.—Florida, U.S.A.

—*subfloridana* Murrill in *Mycologia*, 43, p. 238, 1951.—Florida, U.S.A.

*Leptoniella domestica* (Murrill) Murrill in *Mycologia*, 43, p. 238, 1951. (Syn. *Leptonia domestica* Murrill).

—*subfloridana* (Murrill) Murrill in *Mycologia*, 43, p. 238, 1951. (Syn. *Leptonia subfloridana* Murrill).

*Leptosphaerulina cryptomeriae* Sawada in *Bull. Govt. Forest Exp. Sta.*, Tokyo 45, p. 49, 1950 on *Cryptomeria japonica*.—Japan.

*Macrophoma aloetica* da Camara in *Agron. lusit.*, 10, p. 296, 1948 on *Pistacia*.—Portugal.

—*phormii* (Alm. & da Camara) da Camara in *Agron. lusit.*, 11, p. 54, 1949. (Syn. *Sclerotiopsis phormii* Alm. & da Camara).

—*pistaciaecola* da Camara in *Agron. lusit.*, 10, p. 297, 1948 on *Pistacia*.—Portugal.

**Macrophylosticta tiliae** da Camara in *Agron. lusit.*, **10**, p. 298, 1948 on *Tilia argentea*.—Portugal.

**Massalongiella cryptomeriae** Sawada in *Bull. Govt. Forest Exp. Sta., Toyko* **45**, p. 49, 1950 on *Cryptomeria japonica*.—Japan.

**Mastigosporium rubricosum** (Dearn. & Barth.) Sprague var. *agrostidis* Bollard in *Trans. Brit. mycol. Soc.*, **33**, p. 262, 1950 on *Agrostis stolonifera*.—Great Britain.

**Melampsora abietis-populi** Imai apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 164, 1943 on *Abies mayriana* and *Populus nigra* var. *italicus*.—Japan.

— *aleuritidis* Cummins in *Mycologia*, **42**, p. 782, 1950 on *Aleurites*.—Kweichow, China.

— *salicis-cupularis* Y. C. Wang in *Contr. Inst. bot. Nat. Acad. Peiping*, **6**, p. 225, 1949 on *Salix cupularis*.—Shensi, China.

**Melanoleuca stepposa** Vacek in *Stud. bot. czechoslov.*, **11**, p. 70, 1950.—Czechoslovakia.

**Melanotus phaeophyllus** (Berk.) Pilát in *Trans. Brit. mycol. Soc.*, **33**, p. 240, 1950. (Syn. *Agaricus phaeophyllus* Berk.).

**Meliola macrospora** Baker & Dale in *Mycol. Pap., C.M.I.*, **33**, p. 17, 1951 on *Heliconia bihai*.—Trinidad.

**Microthyrium cryptomeriae** Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* **45**, p. 49, 1950 on *Cryptomeria japonica*.—Japan.

**Mollisia cryptomeriae** Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* **45**, p. 50, 1950 on *Cryptomeria japonica*.—Japan.

— *hysterooides* Cash in *Mycologia*, **43**, p. 233, 1951 on *Aplopappus bloomeri* var. *angustatus*.—California, U.S.A.

— *shastensis* Cash in *Mycologia*, **43**, p. 232, 1951 on dead roots of *Eriogonum pyrolifolium*.—California, U.S.A.

**Mycena alcalinoides** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 295, 1950.—South Africa.

— *hyalina* Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 296, 1950.—South Africa.

— *vibecina* Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 296, 1950.—South Africa.

**Mycosphaerella exaci** T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci., Sect. C*, **32**, p. 205, 1950 on *Exacum wightianum*.—India.

— *gleicheniae* T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci., Sect. B*, **32**, p. 205, 1950 on *Gleichenia linearis*.—India.

— *rauwolfiae* T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci., Sect. B*, **32**, p. 206, 1950 on *Rauwolfia serpentina*.—India.

**Myriogenospora atramentosa** (Berk. & Curt.) Diehl in *Agric. Monogr. U.S. Dep. Agric.* **4**, p. 59, 1950. (Syn. *Hypocrea atramentosa* Berk. & Curt.).

**Myxosporella schini** Carranza in *Rev. Fac. Agron., La Plata*, **27**, p. 277, 1950 on *Schinus mollis*.—Argentina.

**Neovossia brachypodii** (Mundkur) Mundkur & Thirumalachar in *Mycol. Pap., C.M.I.*, **40**, p. 7, 1951. (Syn. *Tilletia brachypodii* Mundkur).

**Nodulisporium africanum** G. Smith in *Trans. Brit. mycol. Soc.*, **34**, p. 18, 1951 from cellulose acetate film.—England.

— *thelenum* (Sacc.) G. Smith in *Trans. Brit. mycol. Soc.*, **34**, p. 19, 1951. (Syn. *Stachylium thelenum* Sacc.).

**Nolanea fragilis** Baker & Dale in *Mycol. Pap., C.M.I.*, **33**, p. 90, 1951.—Trinidad.

— *mammillata* Murrill in *Mycologia*, **43**, p. 239, 1951.—Florida, U.S.A.

**Oidiopsis lini** Mundkur & Thirumalachar in *Mycol. Pap., C.M.I.*, **40**, p. 14, 1951 on *Linum usitatissimum*.—India.

— *macrospora* (Uppal, Patel, & Kamat) Mundkar & Thirumalachar in *Mycol. Pap., C.M.I.*, **40**, p. 15, 1951. (Syn. *O. taurica* var. *macrospora* Uppal, Patel, & Kamat).

**Omphalina bicolor** Baker & Dale [now Murr.] in *Mycol. Pap., C.M.I.*, **33**, p. 91, 1951.—Trinidad.

— *pyxidatoides* Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 298, 1950.—South Africa.

**Panaeolus fimicolooides** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 309, 1950.—South Africa.

— *semi-ovatus* (Sow. ex Fr.) Lundell forma *exannulatus* Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 309, 1950.—South Africa.

\*— *teutonicus* Bride & Métrod. in *Bull. Soc. mycol. Fr.*, **66**, p. 106, 1950.—France.

\***Paramoebidium fuscum** Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, **86**, p. 111, 1948 on *Nephelopteryx nebulosa*.—France.

\*— *geniculatum* Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, **86**, p. 111, 1948 on *Ecdyonurus*.—France.

\*— *giganteum* Duboscq, Léger, & Tuzet in *Arch. Zool. exp. gén.*, **86**, p. 111, 1948 on *Chloropera*.—France.

**Parodiopsis rubra** (Arn.) Baker & Dale in *Mycol. Pap., C.M.I.*, **33**, p. 8, 1951. (Syn. *Parodiopsis ingarum* (P. Henn.) Arn. var. *rubra* Arn.).

— *urae* (Arn.) Baker & Dale in *Mycol. Pap., C.M.I.*, **33**, p. 9, 1951. (Syn. *Parodiopsis perae* var. *urae* Arn.).

**Passalora aronici** (Fuckel) Arx (this *Index*, ii, p. 10) is a nomen nudum and a later homonym of *P. aronici* (Sacc.) Petrak (1937).

**Paxillus atrotomentosus** (Fr.) Fr. var. *bambusinus* Baker & Dale in *Mycol. Pap., C.M.I.*, **33**, p. 92, 1951.—Trinidad.

\***Penicillium crustosum** Thom var. *spinulosporum* Sasaki in *J. Fac. Agric. Hokkaido Univ.*, **49**, p. 158, 1950 from butter.—Japan.

— *cyclopium* West. var. *album* G. Smith in *Trans. Brit. mycol. Soc.*, **34**, p. 18, 1951 from a banana (*Musa*).—England.

\*— *ellipticum* Sasaki in *J. Fac. Agric. Hokkaido Univ.*, **49**, p. 151, 1950 from butter.—Japan.

\*— *parallelosporum* Sasaki in *J. Fac. Agric. Hokkaido Univ.*, **49**, p. 147, 1950 from butter.—Japan.

\*— *spinulo-ramigenum* Sasaki in *J. Fac. Agric. Hokkaido Univ.*, **49**, p. 153, 1950 from butter.—Japan.

**Peniophora assimilis** Jackson & Dearden in *Mycologia*, **43**, p. 55, 1951 on *Purshia tridentata*.—California, U.S.A.

— *exima* Jackson & Dearden in *Mycologia*, **43**, p. 60, 1951 on wood of *Abies magnifica* var. *shastensis*.—California, U.S.A.

— *inusitata* Jackson & Dearden in *Canad. J. Res., Sect. C*, **27**, p. 150, 1949 on *Populus trichocarpa*.—British Columbia.

— *involuta* Jackson & Dearden in *Mycologia*, **43**, p. 54, 1951 on coniferous wood.—Wyoming, U.S.A.

— *junipericola* J. Eriksson in *Symb. bot. upsal.*, **10**, 5, p. 52, 1950 on *Juniperus communis*.—Sweden.

— **mundula** Jackson & Dearden in *Mycologia*, **43**, p. 58, 1951 on *Picea engelmannii*.—Wyoming, U.S.A.

— **phleboides** Jackson & Dearden in *Canad. J. Res., Sect. C*, **27**, p. 150, 1949 on *Pseudotsuga taxifolia*.—British Columbia.

— **piceae** (Pers.) J. Eriksson in *Symb. bot. upsal.*, **10**, 5, p. 49, 1950. (Syn. *Thelephora piceae* Pers.).

— **pithya** (Pers.) J. Eriksson in *Symb. bot. upsal.*, **10**, 5, p. 45, 1950. (Syn. *Thelephora pithya* Pers.).

— **prominens** Jackson & Dearden in *Mycologia*, **43**, p. 57, 1951 on *Pinus monticola*.—Idaho, U.S.A.

— **regifica** Jackson & Dearden in *Mycologia*, **43**, p. 57, 1951 on coniferous wood.—Oregon, U.S.A.

— **resinosa** Jackson & Dearden in *Canad. J. Res., Sect. C*, **27**, p. 147, 1949 on *Picea sitchensis*.—British Columbia.

— **unica** Jackson & Dearden in *Canad. J. Res., Sect. C*, **27**, p. 148, 1949 on *Abies lasiocarpa*.—British Columbia.

**Pericladium tiliacearum** Mundkur & Thirumalachar apud Thirumalachar in *Lloydia*, **13**, p. 176, 1950 on *Grewia rotundifolia*.—India.

**Peronospora akatsukae** Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 163, 1943 on *Plantago major* var. *asiatica*.—Japan.

— **ibarakii** Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 163, 1943 on *Filipendula kamtschatica*.—Japan.

— **iwatensis** Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 162, 1943 on *Trautvetteria japonica*.—Japan.

— **takahashii** Ito apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 162, 1943 on *Cochlearia oblongifolia*.—Japan.

**Pestalozzia aomoriensis** Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* 45, p. 52, 1950 on *Cryptomeria japonica*.—Japan.

— **cryptomeriicola** Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* 45, p. 52, 1950 on *Cryptomeria japonica*.—Japan.

**Phaeodimeriella appendiculata** (Earle) Baker in *Mycol. Pap., C.M.I.*, **33**, p. 44, 1951. (Syn. *Dimerosporium appendiculatum* Earle).

— **trinitensis** Baker & Dale in *Mycol. Pap., C.M.I.*, **33**, p. 44, 1951 on *Asterina diplopoda*.—Trinidad.

**Phaeodomus rauwolfiae** Zambettakis in *Bull. Soc. mycol. Fr.*, **66**, p. 232, 1951 on *Rauwolfia vomitoria*.—Ivory Coast.

**Phaeophacidium viburni** T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci., Sect. B*, **32**, p. 207, 1950 on *Viburnum hebanthum*.—India.

**Phakopsora cheoana** Cummins in *Mycologia*, **42**, p. 784, 1950 on *Cedrela sinensis*.—Kweichow, China.

— **incompleta** (Syd.) Cummins in *Mycologia*, **42**, p. 786, 1950. (Syn. *Puccinia incompleta* Syd.).

— **malloti** Cummins in *Mycologia*, **42**, p. 783, 1950 on *Mallotus*.—Kweichow, China.

\***Phellodon brunneo-olivaceus** Coker & Beers, *The Stipitate Hydnoms of the Eastern United States*, p. 28, 1951.—N. Carolina, U.S.A.

**Pholiota marginata** (Batsch) Quél. var. **tremulae** Pilát in *Stud. bot. čechoslov.*, **11**, p. 166, 1950 on dead *Populus tremula*.—Czechoslovakia.

— **parva** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 301, 1950.—South Africa.

— **pseudo-erebia** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 301, 1950.—South Africa.

**Phoma asplenii** da Camara in *Agron. lusit.*, **11**, p. 175, 1949 on *Asplenium adiantum-nigrum*.—Portugal.

**Phomopsis alpiniae** da Camara in *Agron. lusit.*, **11**, p. 57, 1949 on *Alpinia nutans*.—Portugal.

— **cynanchi** (da Camara) da Camara in *Agron. lusit.*, **11**, p. 57, 1949. (Syn. *Phoma cynanchi* da Camara).

— **lepidii** (Sacc.) da Camara in *Agron. lusit.*, **11**, p. 58, 1949. (Syn. *Phoma phaseoli* Desm. forma *lepidii* Sacc.).

— **lusitanica** da Camara in *Agron. lusit.*, **11**, p. 58, 1949 on *Deutzia*.—Portugal.

— **nepetae** (da Camara) da Camara in *Agron. lusit.*, **11**, p. 59, 1949. (Syn. *Phoma nepetae* da Camara).

— **olisipponensis** (da Camara) da Camara in *Agron. lusit.*, **11**, p. 59, 1949. (Syn. *Phoma olisipponensis* da Camara).

— **phytolaccae** da Camara in *Agron. lusit.*, **10**, p. 302, 1948 on *Phytolacca dioica*.—Portugal.

— **ribatejana** da Camara in *Agron. lusit.*, **10**, p. 303, 1948 on *Prunus persica*.—Portugal.

— **salicina** Died. forma **longipes** da Camara in *Agron. lusit.*, **11**, p. 60, 1949 on *Salix atrocinerea*.—Portugal.

**Phragmidium taipaishanense** Y. C. Wang in *Contr. Inst. bot. Nat. Acad. Peiping*, **6**, p. 226, 1949 on *Rubus parvifolius*.—Shensi, China.

**Phyllosticta helenae** Sprague in *Northwest Science*, **24**, p. 132, 1950 on *Glyceria occidentalis*.—Idaho, U.S.A.

— **japonica** Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* 45, p. 52, 1950 on *Cryptomeria japonica*.—Japan.

**Physalospora eleocharidis** Baker & Chardon in *Mycol. Pap., C.M.I.*, **33**, p. 26, 1951 on *Eleocharis interstincta*.—Trinidad.

— **rhynchosporae** Baker & Chardon in *Mycol. Pap., C.M.I.*, **33**, p. 27, 1951 on *Rhynchospora corymbosa*.—Trinidad.

**Placostroma bambusae** (Turec.) Sprague, *Diseases of Cereals and Grasses in North America*, p. 121, 1950. (Syn. *Scirrhia bambusae* Turec.).

— **sporoboli** (Atk.) Sprague, *Diseases of Cereals and Grasses in North America*, p. 121, 1950. (Syn. *Scirrhia sporoboli* Atk.).

**Plasmopara (Rhysotheca) harae** Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 161, 1943 on *Cardiandra alternifolia*.—Japan.

— **(Euplasmopara) nakanoi** Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 161, 1943 on *Corydalis incisa*.—Japan.

— **(Rhysotheca) phrymae** Ito & Hara apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 162, 1943 on *Phryma leptostachya*.—Japan.

**Pleospora alternariae** Gibelli & Griffini forma **fusca** Pettinari in *Ann. Sper. agr., N.S.*, **5**, p. 563, 1951 on *Malus punila*.—Italy.

— **ambigua** (Berl. & Bres.) Wehmeyer in *Mycologia*, **43**, p. 42, 1951. (Syn. *Pyrenophrora ambigua* Berl. & Bres.).

— var. **ambigua** Wehmeyer in *Mycologia*, **43**, p. 43, 1951.—Austria and California.

— var. **crandallii** (Ellis & Everh.) Wehmeyer in *Mycologia*, **43**, p. 43, 1951. (Syn. *Pleospora crandallii* Ellis & Everh.).

— **angustata** Wehmeyer nom. nov. in *Mycologia*, **43**, p. 39, 1951. (Syn. *Sphaeria*

*abscondita* Karst., non *P. abscondita* Sacc. & Roum.).

— *pileata* (Volkart) Müller & von Arx in *Ber. schweiz. bot. Ges.*, **60**, p. 346, 1950. (Syn. *Pyrenophora pileata* Volkart).

**Plicaria vladimirii** Vacek in *Stud. bot. čechoslov.*, **11**, p. 72, 1950.—Czechoslovakia.

**Plowrightia atlantiae** T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci., Sect. B*, **32**, p. 208, 1950 on *Atlanta monophylla*.—India.

**Pluteus caeruleo-virescens** Pilát in *Stud. bot. čechoslov.*, **12**, p. 1, 1951.—Czechoslovakia.

— *cervinus* (Schaeff ex Fr.) Quél. var. *bambusinus* Baker & Dale in *Mycol. Pap., C.M.I.*, **33**, p. 93, 1951.—Trinidad.

— *salicinus* (Fr. ex Pers.) Quél. var. *obscurior* Pilát in *Stud. bot. čechoslov.*, **12**, p. 3, 1951.—Czechoslovakia.

**Polioma robusta** Baxter & Cummins in *Bull. Torrey bot. Cl.*, **78**, p. 53, 1951 on *Salvia compacta*.—Mexico.

— *unilateralis* (Cummins) Baxter & Cummins in *Bull. Torrey bot. Cl.*, **78**, p. 54, 1951. (Syn. *Uredo unilateralis* Cummins).

**Psalliota albo-argillascens** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 311, 1950.—South Africa.

— *mixta* Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 312, 1950.—South Africa.

— *nobilis* Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 311, 1950.—South Africa.

— *volvata* Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 313, 1950.—South Africa.

— *xanthoderma* Genev. var. *meleagrioides* Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 310, 1950.—South Africa.

**Psathyrella griseola** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 307, 1950.—South Africa.

— *praelonga* Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 308, 1950.—South Africa.

— *trinitatensis* Baker & Dale in *Mycol. Pap., C.M.I.*, **33**, p. 93, 1951.—Trinidad.

— *varicosa* Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 308, 1950.—South Africa.

**Pseudosphaerella cryptomeriae** Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* **45**, p. 50, 1950 on *Cryptomeria japonica*.—Japan.

**Psilocybe cylindrispora** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 306, 1950.—South Africa.

— (*Deconica*) *scochholmica* Parker-Rhodes in *New Phytologist*, **49**, p. 341, 1950 from dung of horse and rabbit.—Skokholm Island, Wales.

**Puccinia anhweiana** Cummins in *Mycologia*, **43**, p. 88, 1951 on *Orchis*.—Anhwei, China.

— *arnoseridis* da Camara in *Agron. lusit.*, **11**, p. 41, 1949 on *Arnoseris minima*.—Portugal.

— *baldensis* Gaumann in *Ber. schweiz. bot. Ges.*, **61**, p. 48, 1951 on *Senecio brachychaetus* and *Poa pratensis*.—Italy.

— *betae-bengalensis* Mundkur & Thirumalachar in *Mycol. Pap., C.M.I.*, **40**, p. 14, 1951 on *Beta bengalensis*.—India.

— *calogynes* Dennis in *Kew Bull.*, **1950**, p. 26, 1950 on *Calogyne berardiana*.—Australia.

— *caricis-blepharicarpe* Hiratsuka apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **18**, p. 87, 1949 on *Smilax china* and *Carex blepharicarpa*.—Japan.

— *corylopisidis* Cummins in *Mycologia*, **43**, p. 83, 1951 on *Corylopsis*.—Kwangsi, China.

— *heitoensis* Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **18**, p. 88, 1949 on *Ipomoea*.—Formosa.

— *kiusiana* Hiratsuka f. apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 167, 1943 on *Asperella japonica*.—Japan.

— *kwangsiana* Cummins in *Mycologia*, **43**, p. 86, 1951 on *Saussurea*.—Kwangsi, China.

— *kweichowana* Cummins in *Mycologia*, **43**, p. 83, 1951 on *Polygonum campanulatum* var. *likiangensis*.—Kweichow, China.

— *longinqua* Cummins in *Mycologia*, **43**, p. 91, 1951 on *Phragmites*.—Kwangsi, China.

— *moliniicola* Cummins in *Mycologia*, **43**, p. 92, 1951 on *Molinia*.—Anhwei, China.

— *morigera* Cummins in *Mycologia*, **43**, p. 91, 1951 on *Eragrostis*.—Kweichow, China.

— *saussureae-acrophylla* Y. C. Wang in *Contr. Inst. bot. Nat. Acad. Peiping*, **6**, p. 231, 1949 on *Saussurea acrophylla*.—Shensi, China.

— *shikotsuensis* Ito apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 168, 1943 on *Polygonum weyrichii*.—Japan.

— *sinicensis* Cummins in *Mycologia*, **43**, p. 88, 1951 on *Orchidaceae*.—Kwangsi, China.

— *stellaricola* Cummins nom. nov. in *Mycologia*, **43**, p. 81, 1951. (Syn. *Puccinia stellariae* Liou & Wang, non Duby).

— *tokubuchii* Ito apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 169, 1943 on *Patrinia gibbosa*.—Japan.

**Pucciniostele hashiokai** (Hirats. f.) Cummins in *Mycologia*, **42**, p. 790, 1950. (*Cerotellum hashiokai* Hirats. f.).

**Pythium cucurbitacearum** Takimoto in *Ann. phytopath. Soc., Japan*, **11**, p. 91, 1941 on *Cucumis sativa*.—Japan.

— *helicandrūm* Drechsler in *Bull. Torrey bot. Cl.*, **77**, p. 455, 1950 on *Rumex acetosella*.—Maryland, U.S.A.

**RAMARIOPSIS** (Donk) Corner, *A Monograph of Clavaria and Allied Genera*, p. 636, 1950. (Syn. *Clavaria* subgen. *Ramariopsis*).

**Ramulispora bromi** (Sprague) Sprague, *Diseases of Cereals and Grasses in North America*, p. 418, 1950. (Syn. *Cercospora bromi* Sprague).

**Russula capensis** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 300, 1950.—South Africa.

— *emetica* (Schaeffer ex Fr.) Pers. ex S. F. Grey subsp. *alnijorullensis* Singer in *Rev. Mycologie*, N.S., **15**, p. 133, 1950.—Argentine.

— subsp. *lacustris* Singer in *Rev. Mycologie*, N.S., **15**, p. 133, 1950.—Argentine.

— *fuegiana* Singer in *Rev. Mycologie*, N.S., **15**, p. 125, 1950.—Argentine.

— *mallophora* Singer in *Rev. Mycologie*, N.S., **15**, p. 130, 1950.—Argentine.

— *montivaga* Singer in *Rev. Mycologie*, N.S., **15**, p. 131, 1950.—Argentine.

— *nothofaginea* Singer in *Rev. Mycologie*, N.S., **15**, p. 127, 1950.—Argentine.

\***Sabouraudites langeroni** Vanbreuseghem in *Ann. Parasit. hum. comp.*, **25**, p. 516, 1950 on man.—Belgian Congo.

\***Sarcodon excentricus** Coker & Beers, *The Stipitate Hydnoms of the Eastern United States*, p. 51, 1951.—Tennessee.

**Sclerotinia corni** Vacek [now Reade, 1908] in *Stud. bot. čechoslov.*, **11**, p. 72, 1950 on *Cornus mas*.—Czechoslovakia.

**Septochytrium marilandicum** Karling in *Bull. Torrey bot. Cl.*, **78**, p. 39, 1951 in soil.—Maryland, U.S.A.

**Septoria phalaridis** Cocc. & Mor. var. *platyspora* da Camara in *Agron. lusit.*, **11**, p. 68, 1949 on *Phalaris brachystachys*.—Portugal.

**Sirolegniella ? cryptomeriae** Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* 45, p. 53, 1950 on *Cryptomeria japonica*.—Japan.

**Skierka nephelii** (Sawada) Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 165, 1943. (Syn. *Uredo nephelii* Sawada).

— **toddaliae** (Syd.) Hiratsuka apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 165, 1943. (Syn. *Ctenoderma toddaliae* Syd.).

**Sorosporium heteropogonicola** Mundkur & Thirumalachar in *Mycol. Pap., C.M.I.*, **40**, p. 5, 1951 on *Heteropogon contortus*.—India.

— **iseilematis** Thirumalachar in *Lloydia*, **13**, p. 175, 1950 on *Iseilema laxum*.—India.

**Spermospora avenae** (Sprague & A. G. Johnson) Sprague, *Diseases of Cereals and Grasses of North America*, p. 430, 1950. (Syn. *Pseudodiscosia avenae* Sprague & A. G. Johnson).

**Sphaceloma abutilonis** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 2, 1951 on *Abutilon striatum*.—Brazil.

— **aegiphilae** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 3, 1951 on *Aegiphila ? sellowiana*.—Brazil.

— **allamanda** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **19**, p. 94, 1950 on *Allamanda schottii*.—Brazil.

— **amazonense** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 4, 1951 on *Bignoniaceae* indet.—Brazil.

— **asclepiadis** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **19**, p. 95, 1950 on *Asclepias curassavica*.—Brazil.

— **bidentis** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 5, 1951 on *Bidens pilosa*.—Brazil.

— **cassiae** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **19**, p. 97, 1950 on *Cassia splendida*.—Brazil.

— **cupaniae** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **19**, p. 99, 1950 on *Cupania oblongifolia*.—Brazil.

— **ditremexae** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 8, 1951 on *Ditremexa hirsuta*.—Venezuela.

— **erythrinae** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 9, 1951 on *Erythrina reticulata*.—Brazil.

— **fagareae** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 10, 1951 on *Fagara riedelianum*.—Brazil.

— **guatemalense** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 12, 1951 on *Centropogon cordifolius*.—Guatemala.

— **gustaviae** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **19**, p. 100, 1950 on *Gustavia augusta*.—Brazil.

— **heliotropii** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **19**, p. 101, 1950 on *Heliotropium transalpinum*.—Brazil.

— **hoveniae** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 12, 1951 on *Hovenia dulcis*.—Argentine.

— **krugii** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **19**, p. 103, 1950 on *Euphorbia prunifolia* var. *repanda*.—Brazil.

— **lobeliae** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 14, 1951 on *Lobelia hassleri*.—Brazil.

— **manihotica** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 15, 1951 on *Manihot glaziovii*.—Brazil.

— **meliae** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 31, 1951 on *Melia azedarach*.—Brazil.

— **phyllocalycis** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 17, 1951 on *Phylloclyx laevigatus*.—Brazil.

— **psidii** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **19**, p. 105, 1950 on *Psidium guajava*.—Brazil.

— **sapii** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **19**, p. 106, 1950 on *Sapium*.—Brazil.

— **sesseae** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 18, 1951 on *Sessea brasiliensis*.—Brazil.

— **siphocampyli** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 20, 1951 on *Siphocampylus macropodus*.—Brazil.

— **uberabense** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 20, 1951 on a Dicotyledon.—Brazil.

— **viticis** Bitancourt & Jenkins in *Arg. Inst. Biol., S. Paulo*, **20**, p. 22, 1951 on *Vitex polygama*.—Brazil.

**Sphacelotheca chrysopogonicola** Mundkur & Thirumalachar in *Mycol. Pap., C.M.I.*, **40**, p. 2, 1951 on *Chrysopogon*.—India.

— **cymbopogonis-colorata** Mundkur & Thirumalachar in *Mycol. Pap., C.M.I.*, **40**, p. 3, 1951 on *Cymbopogon coloratus*.—India.

— **dichanthicola** Mundkur & Thirumalachar in *Mycol. Pap., C.M.I.*, **40**, p. 3, 1951 on *Dichanthium caricosum*.—India.

— **inayati** (Syd. & Butler) Mundkur & Thirum. apud Thirum. in *Lloydia*, **13**, p. 172, 1950. (Syn. *Ustilago inayati* Syd. & Butler).

— **iseilematis** (Syd. & Butler) Mundkur & Thirum. apud Thirum. in *Lloydia*, **13**, p. 172, 1950. (Syn. *Ustilago iseilematis* Syd. & Butler).

— **mnesitheae** Mundkur & Thirumalachar in *Mycol. Pap., C.M.I.*, **40**, p. 3, 1951 on *Mnesitheia laevis*.—India.

— **mutila** Mundkur & Thirumalachar in *Mycol. Pap., C.M.I.*, **40**, p. 4, 1951 on *Cymbopogon caesius*.—India.

— **saccolepidis** Thirumalachar in *Lloydia*, **13**, p. 173, 1950 on *Saccolepis indica*.—India.

**Sphaerodothis acrocomiae** Chardon & Baker in *Mycol. Pap., C.M.I.*, **33**, p. 39, 1951 on *Acrocomia ierenensis*.—Trinidad.

**Sphaeropsis cryptomeriae** Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* 45, p. 52, 1950 on *Cryptomeria japonica*.—Japan.

**Sphaerulina iwatensis** Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* 45, p. 50, 1950 on *Cryptomeria japonica*.—Japan.

**Stagonospora cryptomeriae** Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* 45, p. 53, 1950 on *Cryptomeria japonica*.—Japan.

— **macrospora** (Dur. & Mont.) Sacc. var. *yuccae* da Camara nom. nov. in *Agron. lusit.*, **11**, p. 184, 1949. (Syn. *Septoria macrospora* Alm. & da Camara).

— **spartinicola** Sprague in *Mycologia*, **42**, p. 759, 1950 on *Spartina pectinata*.—N. Dakota, U.S.A.

**STELLIGERA** Heim (this *Index*, i, p. 269) was published apud Doty in *Lloydia*, **11**, p. 134, 1948.

— **membranacea** Heim apud Doty in *Lloydia*, **11**, p. 134, 1948.—Madagascar.

**Strasseria corynocarpi** da Camara in *Agron. lusit.*, **11**, p. 62, 1949 on *Corynocarpus laevigata*.—Portugal.

**Stropharia depilata** (Pers.) Karsten var.

**microspora** Pilát in *Stud. bot. čechoslov.*, **11**, p. 170, 1950.—Czechoslovakia.

**Synchytrium ajrekari** Payak & Thirumalachar apud Payak in *Curr. Sci.*, **20**, p. 103, 1951 on *Phaseolus mungo*.—India.

— **graminicola** Sprague, *Diseases of Cereals and Grasses of North America*, p. 51, 1950 on *Agrostis palustris*.—Oregon, U.S.A.

— **impatientis** Cook in *Mycologia*, **43**, p. 105, 1951 on *Impatiens pallida* and *I. biflora*.—Louisiana, U.S.A.

— **smilacis** Cook in *Mycologia*, **43**, p. 107, 1951 on *Smilax*.—Louisiana, U.S.A.

**Tapesia quercina** Vacek in *Stud. bot. čechoslov.*, **11**, p. 69, 1950 on *Quercus*.—Czechoslovakia.

**THAXTEROGASTER** Singer in *Mycologia*, **43**, p. 216, 1951.—Hymenogastrales. Type, *T. magellanicus*.

— **magellanicus** Singer in *Mycologia*, **43**, p. 219, 1951.—Argentine.

— **violaceus** Singer in *Mycologia*, **43**, p. 216, 1951.—Argentine.

**Tilletia narayana Raoana** Mundkur & Thirumalachar in *Mycol. Pap.*, *C.M.I.*, **40**, p. 6, 1951 on *Panicum trypheron*.—India.

**Torulopsis caroliniana** Etchells & Bell in *Farlowia*, **4**, p. 105, 1950 in cucumber brine. —North Carolina, U.S.A.

**Tricholoma eucalypticum** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 293, 1950.—South Africa.

— **melaleucum** (Pers.) Fr. forma *acystidatum* Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 294, 1950.—South Africa.

— **meridianum** Pearson in *Trans. Brit. mycol. Soc.*, **33**, p. 293, 1950.—South Africa.

— **orosii** Pilát in *Stud. bot. čechoslov.*, **11**, p. 161, 1950.—Czechoslovakia.

— **robustum** (Fr. ex Alb. & Schw.) Ricken forma *focale* (Fr.) Pilát in *Stud. bot. čechoslov.*, **12**, p. 53, 1951. (Syn. *Agaricus focalis* Fr.).

\***Trichophyton ferrugineum** (Ota) Langeron & Milochevitch var. *album* Vanbreuseghem in *Ann. Parasit. hum. comp.*, **25**, p. 489, 1950.—Belgian Congo.

**Uleodothis coonoorensis** T. S. & K. Ramakrishnan in *Proc. Indian Acad. Sci.*, Sect. B, **32**, p. 209, 1950 on *Phoenix*.—India.

**Uredo caricis-incisae** (Syd.) Ito apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 170, 1943. (Syn. *Puccinia caricis-incisae* Sydow).

— **cyperi-rotundi** Ito apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 170, 1943 on *Cyperus rotundus*.—Japan.

— **sawadae** Ito apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 171, 1943 on *Ficus carica*.—Japan.

— **tholopsonae** Cummins in *Mycologia*, **43**, p. 97, 1951 on *Populus nigra*.—Kweichow, China.

**Urocystis eranthidis** (Passerini) Ainsworth & Sampson, *The British Smut Fungi*, p. 96, 1950. (Syn. *Polycystis anemones* var. *eranthidis* Passerini).

— **hepaticae-trilobae** (DC.) Ainsworth & Sampson, *The British Smut Fungi*, p. 98, 1950. (Syn. *Uredo ranunculacearum* var. *hepaticae-trilobae* DC.).

**Uromyces armeriae** (Schl.) Lév. subsp. *armeriae* Savile & Connors nom. nov. in *Mycologia*, **43**, p. 189, 1951. (Type subsp. of the species).

— — subsp. *hudsonicus* Savile & Connors in *Mycologia*, **43**, p. 190, 1951 on *Armeria maritima* var. *labradorica*.—Quebec, Canada.

— — subsp. *pacificus* Savile & Connors in *Mycologia*, **43**, p. 191, 1951 on *Armeria maritima*.—British Columbia, Canada.

— **calycotomes** Gäumann & Terrier in *Ber. schweiz. bot. Ges.*, **60**, p. 613, 1950 on *Calycotome spinosa*.—France.

— **coronillae** Viennot-Bourgin in *Rev. Path. Vég.*, **29**, p. 164, 1950 on *Coronilla varia*.—North Africa.

— **dispersus** Hiratsuka f. apud Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 167, 1943 on *Apios fortunei*.—Japan.

— **kwangsiensis** Cummins in *Mycologia*, **43**, p. 80, 1951 on *Fimbristylis*.—Kwangsi, China.

— **limonii-carolinianus** Savile & Connors in *Mycologia*, **43**, p. 193, 1951 on *Limonium carolinianum*.—Quebec, Canada.

— **physanthyllidis** Viennot-Bourgin in *Rev. Path. Vég.*, **29**, p. 162, 1950 on *Physanthyllis tetraphylla*.—North Africa.

— **seselis** da Camara in *Agron. lusit.*, **11**, p. 40, 1949 on *Seseli tortuosum*.—Portugal.

— **vulpiae** da Camara in *Agron. lusit.*, **11**, p. 166, 1949 on *Vulpia broteri*.—Portugal. [See also *U. vulpiae* Losa Espana, this *Index*, i, 270].

**Uropyxis arisanensis** (Hiratsuka f. & Hashioka) Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 166, 1951. (Syn. *Puccinia arisanensis* Hiratsukaf. & Hashioka).

**Ustilaginoidea burkili** (Syd. & Butler) Thirum. & Mundkur apud Thirum. in *Lloydia*, **13**, p. 170, 1950. (Syn. *Ustilago burkili* Syd. & Butler).

**Ustilago asparagi-pygmaei** Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **18**, p. 84, 1949 on *Asparagus pygmaeus*.—Japan.

— **longiflora** Mundkur & Thirumalachar in *Mycol. Pap.*, *C.M.I.*, **40**, p. 2, 1951 on *Digitaria longiflora*.—India.

— **lupini** da Camara in *Agron. lusit.*, **11**, p. 169, 1949 on *Lupinus luteus*.—Portugal.

— **moenchiæ-manticae** Lindtner in *Bull. Mus. Hist. nat. Serbe*, Ser. B, **3-4**, p. 33, 1950 on *Moenchia mantica*.—Serbia.

**Venturia macularis** (Fr.) Müller & von Arx in *Ber. schweiz. bot. Ges.*, **60**, p. 365, 1950. (Syn. *Sphaeria macularis* Fries).

**Vermicularia chaetoplexa** da Camara in *Agron. lusit.*, **11**, p. 179, 1949 on *Ficus elastica*.—Portugal.

— **kystosa** da Camara in *Agron. lusit.*, **11**, p. 180, 1949 on *Ilex aquifolium*.—Portugal.

**VISCOMACULA** Sprague in *Mycologia*, **42**, p. 758, 1950.—Moniliaceae.

— **aenea** Sprague in *Mycologia*, **42**, p. 758, 1950 on *Poa ampla*.—Colorado, U.S.A.

**Wegelina cryptomeriae** (Sawada) Sawada in *Bull. Govt. Forest Exp. Sta., Tokyo* **45**, p. 51, 1950. (Syn. *Pleuronaema cryptomeriae* Sawada).

**Wettsteinina eucarpa** (Karsten) Müller & von Arx in *Ber. schweiz. bot. Ges.*, **60**, p. 335, 1950. (Syn. *Sphaerella eucarpa* Karsten).

**Xenostelete sakamotoi** (Hiratsuka f. & Yoshinaga) Ito & Murayama in *Trans. Sapporo nat. Hist. Soc.*, **17**, p. 170, 1943. (Syn. *Puccinia sakamotoi* Hiratsuka f.).

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*Cercospora naitoi*

**ARALIACEAE**  
*Hedera helix*  
*Clypeolum lusitanicum*

**Polyscias guilfoylei**  
*Elsinoë mulleri*

**ASCLEPIADACEAE**  
*Asclepias curassavica*  
*Sphaceloma asclepiadis*

**Gymnema affine**  
*Cercospora gymnemae*

**Hemidesmus indicus**  
*Achrotelium hemidesmi*

**BALSAMINACEAE**  
*Impatiens biflora*  
*Synchytrium impatientis*

**Impatiens pallida**  
*Synchytrium impatientis*

**BETULACEAE**  
*Alnus glutinosa*  
*Helminthosporium lusitanicum*

*Alnus rubra*  
*Corticium praeteritum*

*Betula*  
*Brachysporium britanicum*  
*Cytidia lanata*

*Betula verrucosa*  
*Clavaria contorta* var. *orlosoii*

**BIGNONIACEAE**  
*Sphaceloma amazonensis*

**BOMBACACEAE**  
*Bombax malabaricum*  
*Cercospora bombacina*

**BORAGINACEAE**  
*Heliotropium transalpinum*  
*Sphaceloma heliotropii*

**BROMELIACEAE**  
*Tillandsia usneoides*  
*Gelasinopora autosteira*

**CAMPANULACEAE**  
*Centropogon cordifolius*  
*Sphaceloma guatemalensis*

**COPANULACEAE (continued)**  
*Centropogon cornutus*  
*Asterina centropogonis*  
*Siphocampylus macropodus*  
*Sphaceloma siphocampyli*

**CANNACEAE**  
*Canna indica*  
*Carpenterella cannae*

**CAPRIFOLIACEAE**  
*Viburnum*  
*Actinothyrium viburni*  
*Viburnum hebanthum*  
*Phaeophacidium viburni*  
*Viburnum tinus*  
*Amphichaeta viburni*

**CARYOPHYLLACEAE**  
*Moenchia mantica*  
*Ustilago moenchiæ-manticae*

**CHENOPODIACEAE**  
*Bets bengalensis*  
*Puccinia betae-bengalensis*

**CHLORANTHACEAE**  
*Chloranthus serratus*  
*Cercospora chloranthi*

**COCHLOSPERMACEAE**  
*Cochlospermum vitifolium*  
*Cercospora cochlospermi*

**COMBRETACEAE**  
*Anogeissus latifolia*  
*Kellermannia malabarica*

**COMMELINACEAE**  
*Commelina elegans*  
*Cercospora maracasensis*

**COMPOSITAE**  
*Aplopappus bloomeri* var. *augustatus*  
*Dasyphypha aplopappi*  
*Dasyphypha salmonea*  
*Mollisia hysteroides*  
*Arnoseris minima*  
*Puccinia arnoseridis*  
*Bidens pilosa*  
*Sphaceloma bidentis*

*Hypericophyllum multicaule*  
*Aecidium hypericophylli*

*Oliganthes condensata*  
*Cercospora oliganthidis*

*Saussurea*  
*Puccinia kwangsiensis*  
*Saussurea acrophylla*  
*Puccinia saussureae-acrophyllae*

*Senecio brachychaetus*  
*Puccinia baldensis*  
*Tithonia diversifolia*  
*Cercospora tithoniae*

**CONIFERAE**  
*Abies grandis*  
*Corticium separatum*  
*Abies lasiocarpa*  
*Peniophora unica*  
*Abies magnifica* var. *shastensis*  
*Peniophora exima*  
*Abies mayriana*  
*Melampsora abietis-populi*

*Cryptomeria japonica*  
*Cercospora cryptomeriicola*  
*Cyclodomus cryptomeriae*  
*Dimeriellopsis cryptomeriae*  
*Fusicoccum cryptomeriae*  
*Guignardia cryptomeriae*  
*Halbania cryptomeriae*

## CONIFERAE (continued)

*Leptosphaerulina cryptomeriae*  
*Massalongiella cryptomeriae*  
*Microthyrium cryptomeriae*  
*Mollisia cryptomeriae*  
*Pestalozzia aomoriensis*  
*Pestalozzia cryptomeriicola*  
*Phyllosticta japonica*  
*Pseudosphaerella cryptomeriae*  
*Sirolegniella cryptomeriae*  
*Sphaeropsis cryptomeriae*  
*Sphaerulina iwatensis*  
*Stagonospora cryptomeriae*  
*Juniperus communis*  
*Peniophora junipericola*  
*Juniperus nana*  
*Gymnosporangium gaeumannii*  
*Larix kaempferi*  
*Ceratocystis galeiformis*  
*Larix leptolepis*  
*Ceratocystis autographa*  
*Picea engelmannii*  
*Peniophora munda*  
*Picea sitchensis*  
*Peniophora resinosa*  
*Pinus monticola*  
*Peniophora prominens*  
*Pinus strobus*  
*Aleurodiscus pini*  
*Pseudotsuga taxifolia*  
*Corticium quaeustum*  
*Corticium testatum*  
*Peniophora phleboides*  
*Thuja plicata*  
*Corticium propinquum*  
*Torreya californica*  
*Caeoma torreyae*  
*Clasterosporium obclavatum*  
*Tsuga canadensis*  
*Aleurodiscus minnsiae*  
*Corticium delicatissimum*  
*Corticium inopinatum*  
*Corticium rallum*  
**CONVOLVULACEAE**  
*Ipomoea*  
*Puccinia heitoensis*  
**CORNACEAE**  
*Cornus mas*  
*Sclerotinia corni*  
**CORYNOCARPACEAE**  
*Corynocarpus laevigata*  
*Strasseria corynocarpi*  
**CRUCIFERAE**  
*Cochlearia oblongifolia*  
*Peronospora takahashii*  
**CUCURBITACEAE**  
*Cucumis sativa*  
*Pythium cucurbitacearum*  
*Melothria trilobata*  
*Irenopsis melothriae*  
**CYPERACEAE**  
*Carex blepharicarpa*  
*Puccinia caricae-blepharicarpae*  
*Cyperus rotundus*  
*Uredo cyperi-rotundi*  
*Eleocharis interstincta*  
*Physalospora eleocharidis*  
*Fimbristylis*  
*Uromyces kwangianus*  
*Rhynchospora corymbosa*  
*Physalospora rhynchosporae*  
*Scirpus*  
*Entyloma mysorensis*  
*Scleria lithospermi* var. *roxburghii*  
*Cintractia scleriae-lithospermi*

## EBENACEAE

*Diospyros kaki*  
*Elsinoë diospyri*

## ERICACEAE

*Rhododendron*  
*Amphichaeta rhododendri*

## EUPHORBIACEAE

*Aleurites*

*Melampsora aleuritidis*  
*Euphorbia prunifolia* var. *repanda*

*Sphaceloma krugii*

*Jatropha curcas*

*Elsinoë jatropheae*

*Mallotus*

*Phakopsora malloti*

*Manihot*

*Glomerella manihotis*

*Manihot glaziovii*

*Sphaceloma manihotica*

*Mercurialis leiocarpa*

*Cercospora chikomontana*

*Sapium*

*Sphaceloma sapii*

*Sebastiania corniculata*

*Cercospora sebastianiae*

## FAGACEAE

*Quercus*

*Brachysporium masonii*  
*Ceratocystis longirostellata*  
*Ceratocystis wilsoni*  
*Corticium improsum*  
*Tapesia quercina*

## FUNGI

*Asterina diplopoda*

*Phaeodimeriella trinitensis*

## GENTIANACEAE

*Exacum wightianum*  
*Mycosphaerella exaci*

## GOODENIACEAE

*Calogyne berardiana*  
*Puccinia calogynes*

## GRAMINEAE

*Agrostis palustris*

*Synchytrium graminicola*

*Agrostis stolonifera*

*Mastigosprium rubricosum* var. *agrostidis*

*Aristida glauca*

*Balansia hemicyrpta*

*Asperella japonica*

*Puccinia kiusiana*

*Cenchrus echinatus*

*Balansia obtecta*

*Chrysopogon*

*Sphacelotheca chrysopogonicola*

*Cymbopogon caesius*

*Sphacelotheca mutila*

*Cymbopogon coloratus*

*Sphacelotheca cymbopogonis-colorata*

*Dichanthium caricosum*

*Sphacelotheca dichanthicola*

*Digitaria longiflora*

*Ustilago longiflora*

*Eragrostis*

*Puccinia morigera*

*Glyceria occidentalis*

*Phyllosticta heleneae*

*Heteropogon contortus*

*Sorosporium heteropogonicola*

*Hyparrhenia filipendula*

*Claviceps inconnspicua*

*Iseilema laxum*

*Sorosporium iseilematis*

*Mnesitheia laevis*

*Sphacelotheca mnesitheae*

## RAMINEAE (continued)

Molinia

Puccinia moliniicola

Oryzopsis caeruleoescens

Ellisiellina biciliata

Panicum trypheron

Tilletia narayanaraaoana

Phalaris brachystachys

Septoria phalaridis var. *platyspora*

Phragmites

Puccinia longinqua

Poa ampla

Viscomacula aenea

Poa pratensis

Puccinia baldensis

Saccolepis indica

Sphacelotheca saccolepidis

Spartina pectinata

Stagonospora spartinicola

Sporobolus affinis

Ascochyta sporoboli

Sporobolus indicus var. *laxus*

Entyloma sporoboli

Sporobolus ruspolianus

Asterolibertia sporoboli

Stipa leucomitra

Atkinsonella hypoxylon var. *taxensis*

Vulpia broteri

Uromyces vulpiae

## HAMAMELIDACEAE

Corylopsis

Puccinia corylopsidis

## INVERTEBRATA

Amoeba

Aplectosoma microsporum

Cochlonema calosperma

Blaniulus hirsutus

Enterobryus broelemanni

Chloroperla

Paramoebidium giganteum

Cloeon dipterum

Amoebidium poissoni

Ecdyonurus

Paramoebidium geniculatum

Iulus

Enterobryus allobrogicus

Iulus alipes

Enterobryus rectus

Macrobiotus

Ballocephala sphaerosperma

Nephelopteryx nebulosa

Paramoebidium fuscum

Phalloiulus distinctus

Enterobryus inflatus

Polydesmus complanatus

Enterobryus gracilis

Polydesmus rubromarginatus

Enterobryus tumidus

Rhabditis

Harposporium subuliforme

Schizophyllum sabulosum extinctum

Enterobryus robini

Strongylosoma guerini

Enterobryus strongylosomae

## JUNCACEAE

Juncus

Helotium georginae

## LABIATAE

Coleus

Coleosporium cheoanum

## LABIATAE (continued)

Lavandula stoechas

Diplodia mitylospora

Ocimum canum

Cercospora guatemalensis

Rosmarinus officinalis

Didymosphaeria epidermidis var. *rosmarini*

Salvia compacta

Poliooma robusta

## LECYTHIDACEAE

Gustavia augusta

Sphaceloma gustaviae

## LEGUMINOSAE

Apios fortunei

Uromyces dispersus

Calycotome spinosa

Uromyces calycotomes

Cassia splendida

Sphaceloma cassiae

Centrolobium robustum

Elsinoë centrolobii

Coronilla varia

Uromyces coronillae

Ditremexa hirsuta

Sphaceloma ditremexae

Erythrina reticulata

Sphaceloma erythrinae

Lupinus luteus

Ustilago lupini

Phaseolus mungo

Synchytrium ajrekari

Physanthyllis tetraphylla

Uromyces physanthyllidis

Sophora glauca

Cercospora sophorae

Vigna vexillata

Cercospora vignae-vexillatae

## LILIACEAE

Asparagus pygmaeus

Ustilago asparagi-pygmaei

Disporum smilacinum var. ramosum

Cercospora dispori

Smilax

Synchytrium smilacis

Smilax china

Puccinia caricis-blepharicarpae

Veratrum californicum

Laetinaeavia veratri

## LINACEAE

Linum usitatissimum

Oidiopsis lini

## LOBELIACEAE

Lobelia hassleri

Sphaceloma lobeliae

## MALPIGHIACEAE

Stigmaphyllo convolvulifolium

Cercospora stigmaphyllois

## MALVACEAE

Abutilon striatum

Sphaceloma abutilonis

Hibiscus subdariffa

Cylindrocladium curvatum

## MELIACEAE

Cedrela sinensis

Phakopsora cheoana

Melia azedarach

Sphaceloma meliae

## MORACEAE

Ficus carica

Uredo sawadae

Ficus elastica

Vermicularia chaetoplexa

## MUSACEAE

*Heliconia bihai*  
*Meliola macrospora*  
*Musa*  
*Penicillium cyclopium* var. *album*

## MYOPORACEAE

*Myoporum acuminatum*  
*Guignardia myopori*

## MYRTACEAE

*Eucalyptus*  
*Hysterocarina paulistae*  
*Eucalyptus globulus*  
*Coniothyrium globulosum*  
*Dothiorella eucalypti* f. *microspora*  
*Phyllocladus laevigatus*  
*Sphaceloma phyllocladis*  
*Psidium guajava*  
*Sphaceloma peidii*  
*Syzygium aromaticum*  
*Cylindrocladum quinqueseptatum*

## OLEACEAE

*Jasminum*  
*Anthostomella clypeatula*

*Ligustrum*  
*Aecidium ligustricola*

*Olea europaea*  
*Cytosporina subclypeata*

*Schrebera swietenioides*  
*Cercospora schreberae*

## ORCHIDACEAE

*Puccinia sinicensis*  
*Orchis*  
*Puccinia anhweiana*

## PALMAE

*Aerocarpia ierensis*  
*Sphaerodothis acrocomiae*  
*Calamus rotang*  
*Catacaumella calamicola*

*Phoenix*  
*Uleodothis coonoorensis*

## PAPAVERACEAE

*Corydalis incisa*  
*Plasmopara nakanoi*

## PHRYMACEAE

*Phryma leptostachya*  
*Plasmopara phrymae*

## PHYTOLACCACEAE

*Phytolacca dioica*  
*Phomopsis phytolaccae*

## PLANTAGINACEAE

*Plantago major* var. *asiatica*  
*Peronospora akatsukae*

## PLUMBAGINACEAE

*Armeria maritima*  
*Uromyces armeriae* subsp. *pacificus*  
*Armeria maritima* var. *labradorica*  
*Uromyces armeriae* subsp. *hudsonicus*

*Limonium carolinianum*  
*Uromyces limonii-carolinianii*

## POLEMONIACEAE

*Phlox douglasii*  
*Dasypterygia phlogis*

## POLYGONACEAE

*Eriogonum pyrolifolium*  
*Mollisia shastensis*  
*Polygonum campanulatum* var. *likiangensis*  
*Puccinia kweichowana*  
*Polygonum weyrichii*  
*Puccinia shikotsuensis*  
*Rumex acetosella*  
*Pythium helicandrum*

## PTERIDOPHYTA

*Asplenium adiantum-nigrum*  
*Phoma asplenii*  
*Gleichenia linearis*  
*Mycosphaerella gleicheniae*  
*Pteretis pennsylvanica*  
*Corticium pauxillum*

## RANUNCULACEAE

*Trautvetteria japonica*  
*Peronospora iwatensis*

## RHAMNACEAE

*Hovenia dulcis*  
*Sphaceloma hoveniae*

## ROSACEAE

*Filipendula kamtschatica*  
*Peronospora ibarakii*  
*Kerria japonica* var. *typica*  
*Cercospora kerriae*  
*Malus pumila*

*Pleospora alternariae* f. *fusca*  
*Prunus persica*

*Phomopsis ribatejana*  
*Purshia tridentata*

*Peniophora assimilis*  
*Rosa*

*Cucurbitaria occulta* f. *subdisticha*

## RUBUS

*Anthostomella appendiculosa* var. *lusitanica*  
*Anthostomella clypeata* var. *macrospora*

*Caeoma cheoanum*

*Rubus parvifolius*

*Phragmidium taipaishense*

*Rubus pectinellus*

*Hamaspora ozeensis*

*Spiraea prunifolia*

*Cercospora spiraeicola*

## RUBIACEAE

*Coffea excelsa*  
*Gibberella xylarioides*

*Rubia cordifolia*

*Coleosporium rubiicola*

## RUTACEAE

*Atlantia monophylla*  
*Plowrightia atlantiae*

*Fagara riedelianum*

*Sphaceloma fagarae*

## SALICACEAE

*Populus nigra*

*Uredo tholopspora*

*Populus nigra* var. *italica*

*Melampsora abietis-populi*

*Populus tremula*

*Pholiota marginata* var. *tremulae*

*Populus trichocarpa*

*Peniophora inusitata*

*Salix atro-cinerea*

*Phomopsis salicina* f. *longipes*

*Salix cupularis*

*Melampsora salicis-cupularis*

## SAPINDACEAE

*Cupania oblongifolia*

*Sphaceloma cupaniae*

## SAXIFRAGACEAE

*Astilbe congesta*

*Cercospora astilbes*

*Cardiandra alternifolia*

*Plasmopara harae*

*Deutzia*

*Diplodia deutziae*

*Phomopsis lusitanica*

*Hydrangea hortensis*

*Haplosporella hydrangeae*

## CROPHULARIACEAE

Antirrhinum majus

*Cercospora antirrhini*

## OLANACEAE

Sessea brasiliensis

*Sphaceloma sesseae*

Solanum asperum

*Cercospora solani-asperi*

Solanum hirtum

*Cercospora solani-hirti*

## TILIACEAE

Grewia populifolia

*Catenulopsora grewiae*

Grewia rotundifolia

*Pericladium tiliacearum*

Tilia argentea

*Macrophylllosticta tiliae*

Vallea stipularis

*Elsinoë valleae*

## UMBELLIFERAE

Ligusticum hultenii

*Cercospora ligustici*

## UMBELLIFERAE (continued)

Seseli tortuosum

*Uromyces seselis*

## VALERIANACEAE

Patrinia gibbosa

*Puccinia tokubuchii*

## VERBENACEAE

Aegiphila sellowiana

*Sphaceloma aegiphilae*

Vitex polygama

*Sphaceloma viticis*

## VERTEBRATA

Homo sapiens

*Sabouraudites langeroni*

## VIOLACEAE

Viola limprechtiana

*Coleosporium violae*

## ZINGIBERACEAE

Alpinia nutans

*Phomopsis alpinae*

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